

INTERNATIONAL SEARCH REPORT

National Application No

1/GB2004/004623

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B10/155 H04B10/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 091 535 A (SATOH ET AL) 18 July 2000 (2000-07-18) figures 1,8A,8B,8C,9,10 column 5, line 63 – column 6, line 37	1-4,8, 11-15
A	-----	5-7,9, 10,16-25
X	EP 0 975 104 A (LUCENT TECHNOLOGIES INC) 26 January 2000 (2000-01-26) figures 1-3 paragraphs '0014! – '0017!	1,3,17, 18,21,22
A	-----	2,4-16, 19,20, 23-25
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
21 March 2005	01/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Petitit, N

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 969 839 A (YOSHIDA ET AL) 19 October 1999 (1999-10-19) figures 4,11A-11D column 7, lines 25-29 column 7, line 50 - column 8, line 2 -----	1-3
A	-----	4-25
A	EP 0 718 990 A (AT&T CORP) 26 June 1996 (1996-06-26) figures 1-3 -----	1-25

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6091535	A 18-07-2000	JP 3337980 B2 JP 2000022640 A		28-10-2002 21-01-2000
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